

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076697.D
 Acq On : 03 Jul 2023 17:22
 Operator : KP/SY
 Sample : 03444-15RE
 Misc : 5.28G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46W0RE

Quant Time: Jul 04 01:11:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
 Supervised By :Mahesh Dadoda 07/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	90588	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	64880	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	20349	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	6634	3.007	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	12.040%#		
7) Chloroethane-d5	2.793	69	8361	4.687	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	18.760%#		
11) 1,1-Dichloroethene-d2	3.905	65	2355m	4.090	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	16.360%#		
21) 2-Butanone-d5	6.987	46	34683	103.808	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	207.620%#		
24) Chloroform-d	7.563	84	23435	9.819	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	39.280%#		
26) 1,2-Dichloroethane-d4	8.222	65	16450	13.972	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	55.880%#		
32) Benzene-d6	8.199	84	33733	8.499	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	34.000%		
36) 1,2-Dichloropropane-d6	9.204	67	15495	12.231	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	48.920%#		
41) Toluene-d8	10.269	98	24410	6.642	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	26.560%#		
43) trans-1,3-Dichloroprop...	10.522	79	7437	14.114	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	56.440%		
47) 2-Hexanone-d5	10.875	63	20630	104.907	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	209.820%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	29875	33.147	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	132.600%#		
66) 1,2-Dichlorobenzene-d4	13.810	152	9875	13.239	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	52.960%#		
Target Compounds						Qvalue
8) Chloroethane	2.834	64	16014	10.327	ug/L #	79
13) Acetone	4.016	43	59652	221.053	ug/L	92
22) 2-Butanone	7.075	43	26111	59.958	ug/L	97
42) Toluene	10.334	91	5145	1.121	ug/L	82
52) Ethylbenzene	11.681	91	4648	0.940	ug/L	93
53) m,p-Xylene	11.804	106	1723m	0.886	ug/L	
54) o-Xylene	12.122	106	4176	2.256	ug/L	80
62) 1,3,5-Trimethylbenzene	12.904	105	1836	0.737	ug/L	89
63) 1,2,4-Trimethylbenzene	13.210	105	7066	2.875	ug/L	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

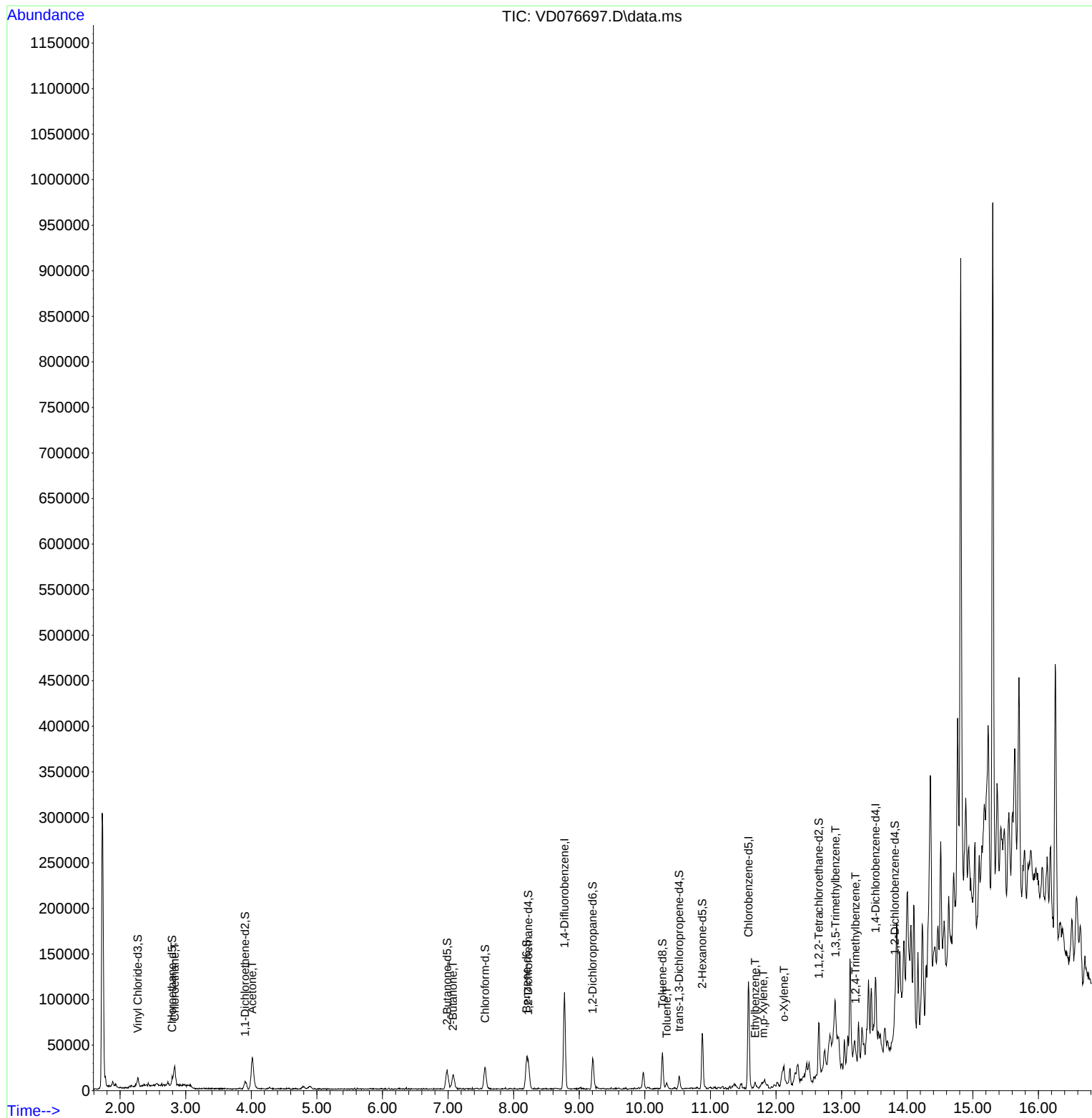
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076697.D
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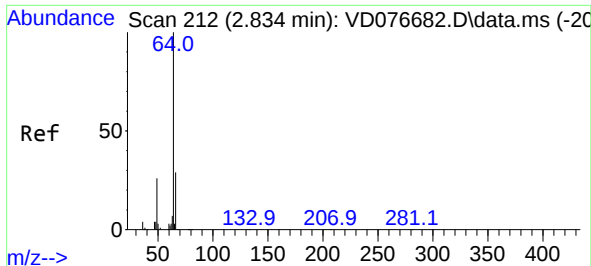
Instrument :
MSVOA_D
ClientSampleId :
A46W0RE

Quant Time: Jul 04 01:11:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

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APPROVED

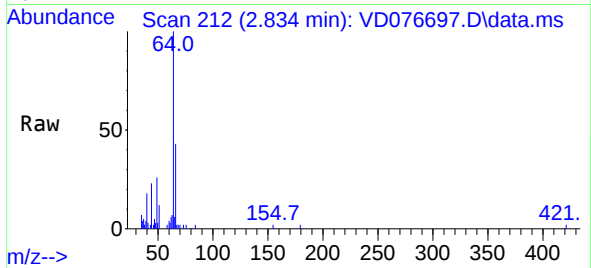
Reviewed By : Semsettin Yesilyurt 07/05/2023
Supervised By : Mahesh Dadoda 07/07/2023





#8
Chloroethane
Concen: 10.327 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD076697.D
Acq: 03 Jul 2023 17:22

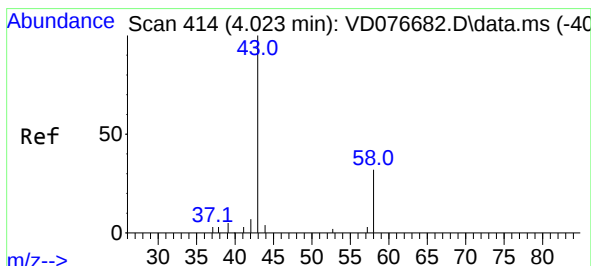
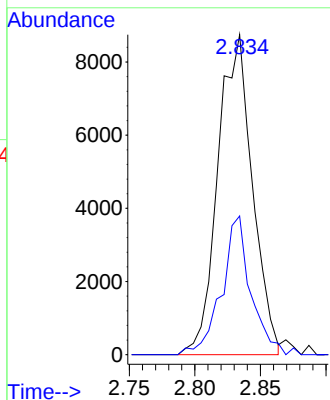
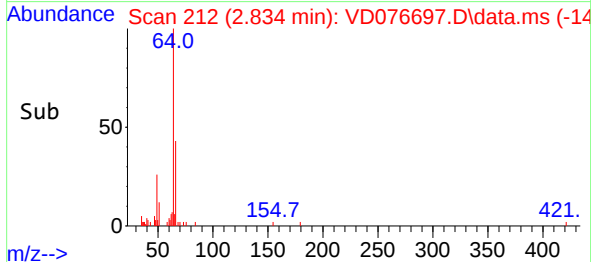
Instrument :
MSVOA_D
ClientSampleId :
A46W0RE



Tgt Ion: 64 Resp: 16014
Ion Ratio Lower Upper
64 100
66 43.4 22.1 41.1

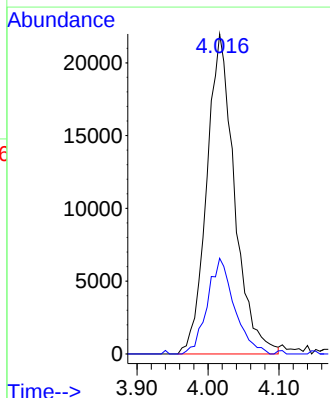
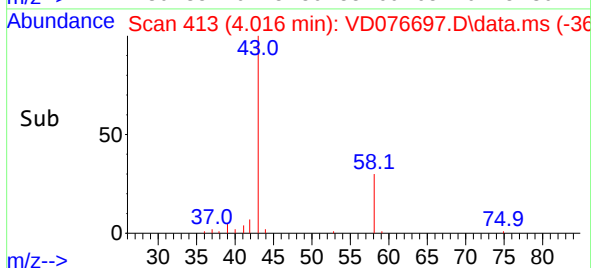
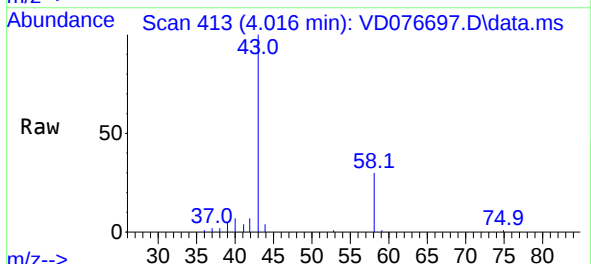
Manual Integrations
APPROVED

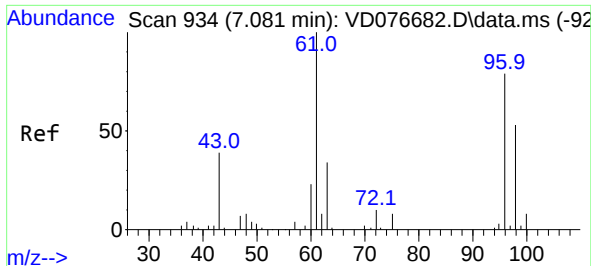
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/07/2023



#13
Acetone
Concen: 221.053 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076697.D
Acq: 03 Jul 2023 17:22

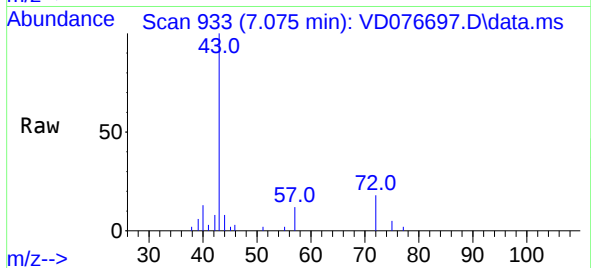
Tgt Ion: 43 Resp: 59652
Ion Ratio Lower Upper
43 100
58 29.1 0.0 67.4





#22
2-Butanone
Concen: 59.958 ug/L
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076697.D
Acq: 03 Jul 2023 17:22

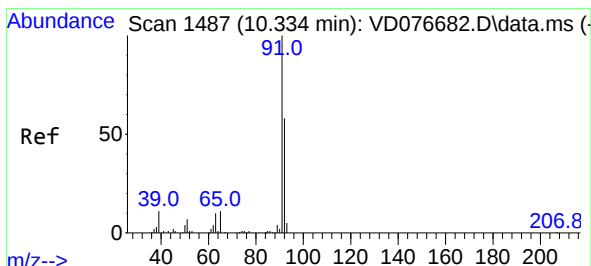
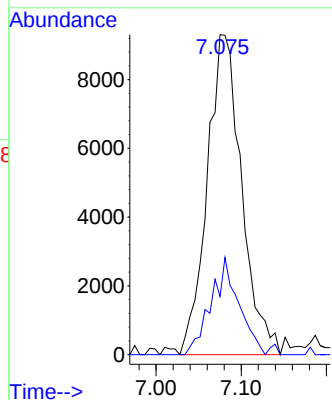
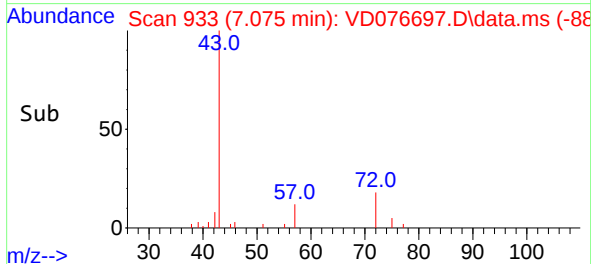
Instrument :
MSVOA_D
ClientSampleId :
A46W0RE



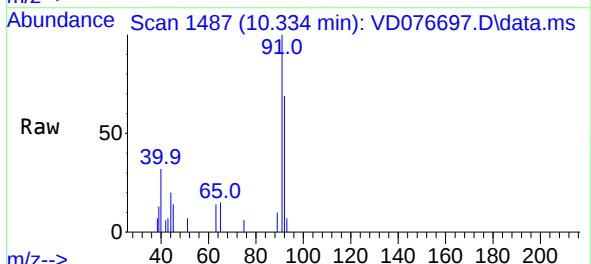
Tgt Ion: 43 Resp: 2611
Ion Ratio Lower Upper
43 100
72 24.5 12.9 38.7

Manual Integrations
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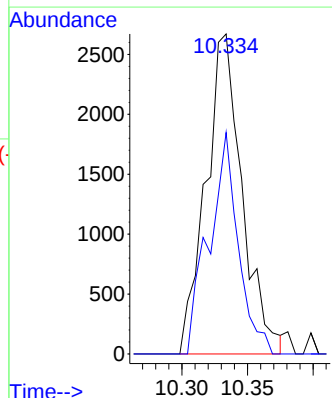
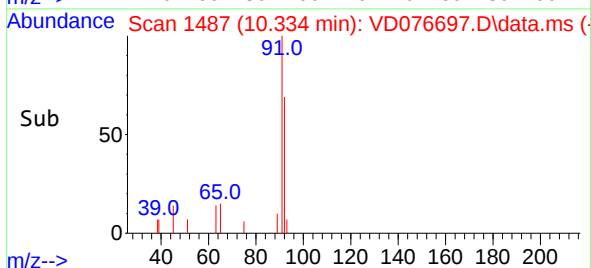
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/07/2023

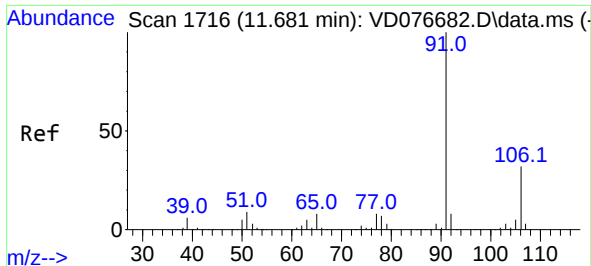


#42
Toluene
Concen: 1.121 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076697.D
Acq: 03 Jul 2023 17:22



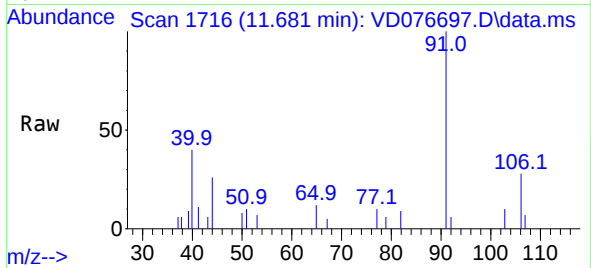
Tgt Ion: 91 Resp: 5145
Ion Ratio Lower Upper
91 100
92 69.2 39.3 73.1





#52
Ethylbenzene
Concen: 0.940 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076697.D
Acq: 03 Jul 2023 17:22

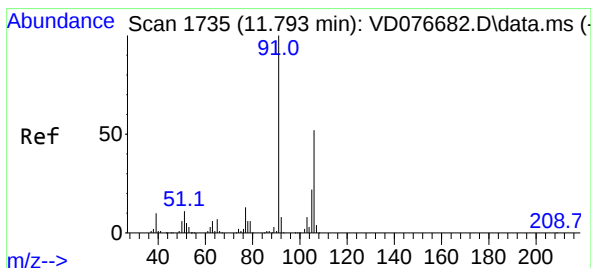
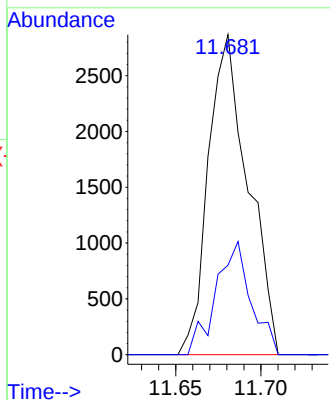
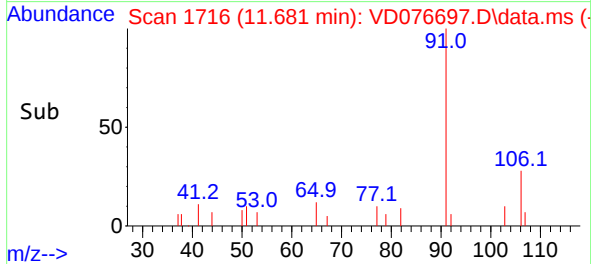
Instrument :
MSVOA_D
ClientSampleId :
A46W0RE



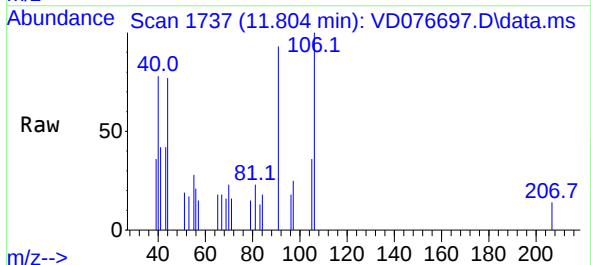
Tgt Ion: 91 Resp: 4648
Ion Ratio Lower Upper
91 100
106 27.9 22.4 41.6

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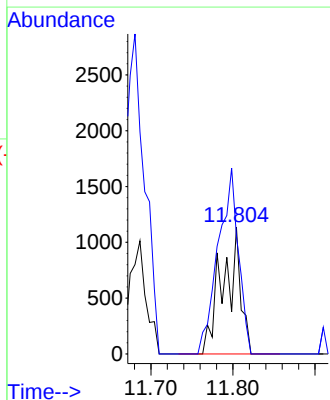
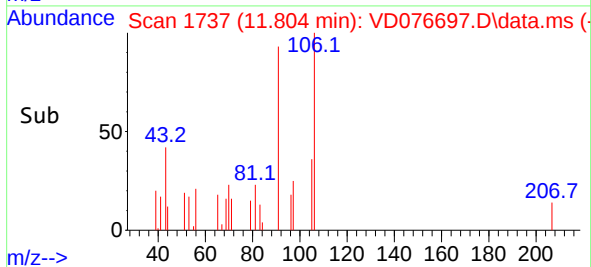
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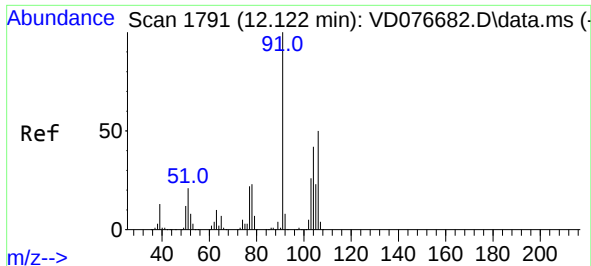


#53
m,p-Xylene
Concen: 0.886 ug/L m
RT: 11.804 min Scan# 1737
Delta R.T. 0.012 min
Lab File: VD076697.D
Acq: 03 Jul 2023 17:22



Tgt Ion:106 Resp: 1723
Ion Ratio Lower Upper
106 100
91 93.0 141.5 262.9#





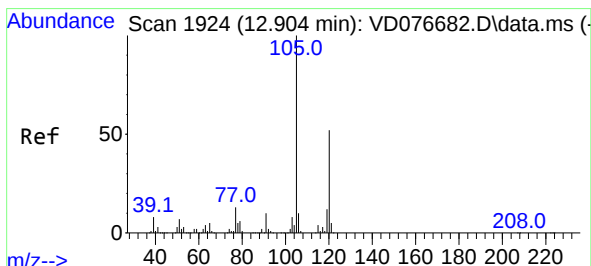
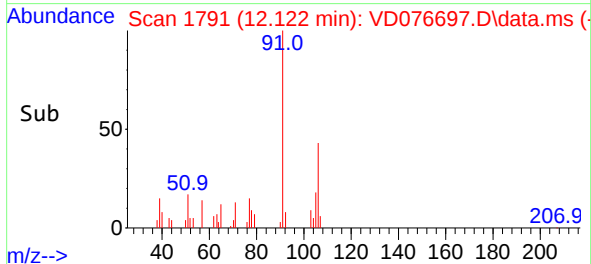
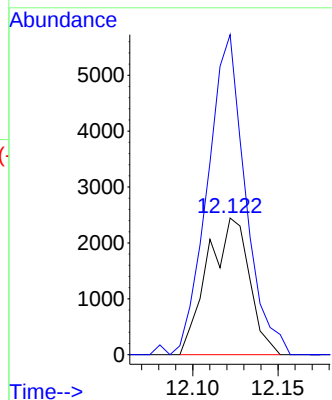
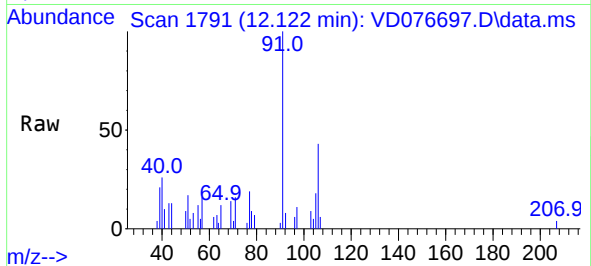
#54
o-Xylene
Concen: 2.256 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076697.D
Acq: 03 Jul 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :
A46W0RE

Tgt Ion:106 Resp: 4170
Ion Ratio Lower Upper
106 100
91 234.1 142.2 264.2

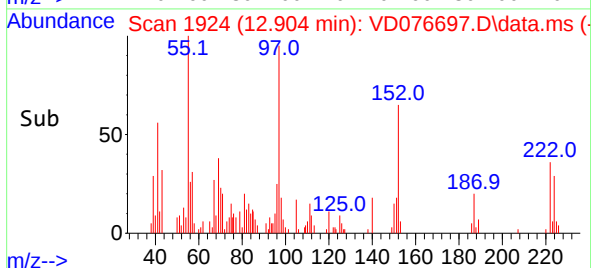
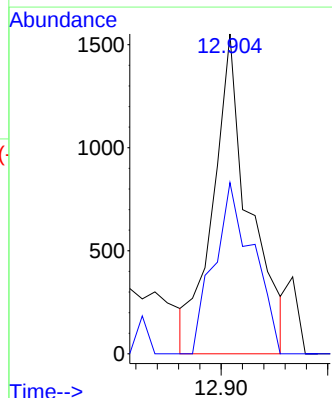
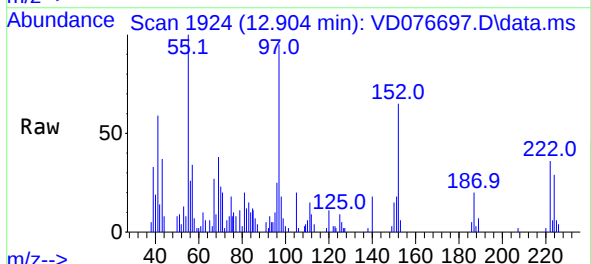
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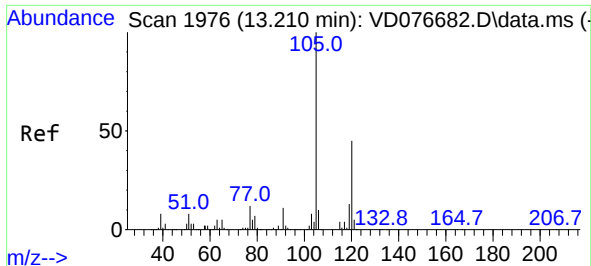
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/07/2023



#62
1,3,5-Trimethylbenzene
Concen: 0.737 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076697.D
Acq: 03 Jul 2023 17:22

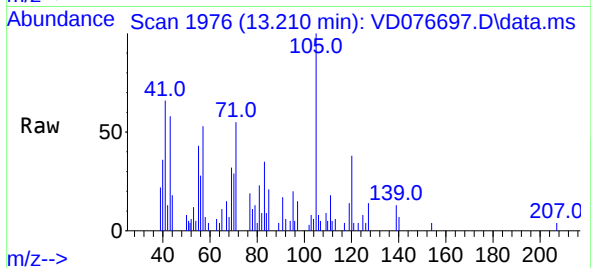
Tgt Ion:105 Resp: 1836
Ion Ratio Lower Upper
105 100
120 57.6 39.8 59.6





#63
1,2,4-Trimethylbenzene
Concen: 2.875 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076697.D
Acq: 03 Jul 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :
A46W0RE



Tgt Ion:105 Resp: 7060
Ion Ratio Lower Upper
105 100
120 38.6 37.5 56.3

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